16367 U.S.PTO
100203

PTO/SB/05 (08-03)
Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office. U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	38-15(52054)B
First Inventor	Michael D. Edgerton
Title	Transgenic Plants with Improved Phenotypes
Express Mail Label No.	EU648440507US

00727 U.S.PTO
10/679063
100203

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☐ Fee Transmittal Form (e.g., PTO/SB/17)
   (Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status. See 37 CFR 1.27.
3. ☑ Specification [*Total Pages* 75]
   (preferred arrangement set forth below)
   - Descriptive title of the invention
   - Cross Reference to Related Applications
   - Statement Regarding Fed sponsored R & D
   - Reference to sequence listing, a table, or a computer program listing appendix
   - Background of the Invention
   - Brief Summary of the Invention
   - Brief Description of the Drawings *(if filed)*
   - Detailed Description
   - Claim(s)
   - Abstract of the Disclosure
4. ☐ Drawing(s) (*35 U.S.C. 113*) [*Total Sheets* _____]
5. Oath or Declaration [*Total Sheets* _____]
   a. ☐ Newly executed (original or copy)
   b. ☐ Copy from a prior application (37 CFR 1.63(d)) *(for continuation/divisional with Box 18 completed)*
      i. ☐ DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76
7. ☑ CD-ROM or CD-R in duplicate, large table or Computer Program *(Appendix)*
8. Nucleotide and/or Amino Acid Sequence Submission *(if applicable, all necessary)*
   a. ☑ Computer Readable Form (CRF)
   b. Specification Sequence Listing on:
      i. ☑ CD-ROM or CD-R (2 copies); or
      ii. ☐ Paper
   c. ☑ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement *(when there is an assignee)* ☐ Power of Attorney
11. ☐ English Translation Document *(if applicable)*
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☑ Return Receipt Postcard (MPEP 503) *(Should be specifically itemized)*
15. ☐ Certified Copy of Priority Document(s) *(if foreign priority is claimed)*
16. ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☑ Other: List of named inventors; Certificate of Express Mailing

18. If a CONTINUING APPLICATION, *check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:*

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: .....

Prior application information: *Examiner* _____ *Art Unit:* _____

For CONTINUATION OF DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

☑ Customer Number: 27161 *OR* ☐ Correspondence address below

Name					
Address					
City		*State*		*Zip Code*	
Country		*Telephone*		*Fax*	

Name (Print/Type)	Donna E. Scherer	*Registration No. (Attorney/Agent)*	34,719
Signature	Donna E. Scherer	*Date*	October 2, 2003

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Named Inventors in 38-15(52054)B; Filed October 2, 2003
TRANSGENIC PLANTS WITH IMPROVED PHENOTYPES

Inventor	City	State/Country	Citizenship
Edgerton, Michael D.	University City	Missouri	USA
Chomet, Paul S.	Mystic	Connecticut	USA
Adams, Thomas H.	Ladue	Missouri	USA
Ruff, Thomas G.	Wildwood	Missouri	USA
Abad, Mark S.	St. Louis	Missouri	USA
Ahrens, Jeffrey	Manchester	Missouri	USA
Bell, Erin	Stonington	Connecticut	USA
Bensen, Robert J.	Niantic	CT	USA
Boddupalli, Raghava	Bangalore	India	India
Brunick, Kimberly M.	Glen Carbon	Illinois	USA
Char, Shobha	Bangalore	India	India
Chittoor, Jaishree M.	Ballwin	Missouri	India
Dotson, Stanton B	Chesterfield	Missouri	USA
Duff, Stephen M.	St. Louis	Missouri	Canada
Fernandes, Mary	St. Louis	Missouri	USA
Fu, Changlin	Chesterfield	Missouri	USA
Gabbert, Karen K.	St. Louis	Missouri	USA
Goldman, Barry	Ladeau	Missouri	USA
He, Steve	St. Louis	Missouri	USA
Hinchey, Brendan S.	Mystic	Connecticut	USA
Jaya, Nagaraja	Bangalore	India	India
Jayaprakash, Targolli Laxmikanth	Bangalore	India	India
Johnson, G. Richard	Urbana	Illinois	USA
Jung, Vincent	Belmont	Massachusetts	USA
Kerr, Alastair R.W.	Edinburg	Scotland, UK	United Kingdom
Lee, Garrett J.	Kirkwood	Missouri	USA
Li, Jian-Liang	Medford	Massachusetts	China P. R.
Lowe, Brenda A	Mystic	Connecticut	USA
Lund, Adrian	Halstead	Kansas	USA
Madson, Linda L	Willimantic	Connecticut	USA
Mahesh, Kulkarni	Bangalore	India	India
McKiel, Christine L.	Wakesfield	Rhode Island	USA
Padmavathi, Manchikanti	Visakhapatnaar	India	India
Parnell, Laurence	Cambridge	Massachusetts	USA
Peng, Ming	Manchester	Missouri	USA
Pitkin, John W.	Wildwood	Missouri	USA
Rajani, M.S.	Karnataka	India	India
Ramamohan, G.	Karnataka	India	India
Ravanello, Monica	Vacaville	California	Italy
Sangeetha S.	Andra Pradesh	India	India
Schmuke, Jon	St. Louis	Missouri	USA
Sharma, Yogesh K.	Ashland	Massachusetts	India
Shewmaker, Christine	Woodland	California	USA
Shi, Lifang	St. Charles	Missouri	USA
Subhadra, R.V.	Hyderabad	India	India
Sudarshana, Padmini	Bangalore	India	India
Sun, Jindong	St. Charles	Missouri	China P. R.
Toroser, Dikran	Creve Coeur	Missouri	United Kingdom
Vasanthakumar, Geetha	Atlanta	Georgia	USA
Venkatesh, T. V.	St. Louis	Missouri	India

Named Inventors in 38-15(52054)B; Filed October 2, 2003
TRANSGENIC PLANTS WITH IMPROVED PHENOTYPES

Inventor	City	State/Country	Citizenship
Vidya, K.R.	Bangalore	India	India
Vijayalakshmi, K	Bangalore	India	India
Wu, Jingrui	Chesterfield	Missouri	USA
Xin, Zhanguo	Lubbock	Texas	China P. R.
Xu, Nanfei	Wildwood	Missouri	Canada
Zhang, Qiang	Pawcatuck	Connecticut	China P. R.
Zhou, Li	Belmont	Massachusetts	China P. R.
Zhou, Yihua	Ballwin	Missouri	China P. R.
Lu, Maolong	San Diego	California	Canada
Wu, Wei	St. Louis	Missouri	USA

Attorney Docket No.38-15(52054)B

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of	)	
	)	
Michael D. Edgerton, *et. al.*	)	
	)	
Serial No. Unassigned	)	
	)	**CERTIFICATION OF**
Filed: October 2, 2003	)	**EXPRESS MAILING**
	)	
For: **TRANSGENIC PLANTS WITH IMPROVED PHENOTYPES**	)	

Honorable Commissioner for
Patents
Washington, DC 20231

Sir:

I hereby certify that the attached communication comprising a Utility Patent Application is being deposited with the United States Postal Service, Express Mail Post Office to Addressee Service, Express Mail Label No. **EU648440507US** addressed to:

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

on October 2, 2003.

Certified by: Donna E. Scherer

Donna E. Scherer
Reg. No. 34,719
Phone: (860) 572-5262